

REMARKS**SUPPORT FOR AMENDMENTS TO THE SPECIFICATION**

The specification has been amended to correct a typographical error: The table beginning on page 302 should be labeled Table 16, not Table 11, as this table follows Table 15. No new matter is added and entry is respectfully requested.

RESPONSE TO RESTRICTION REQUIREMENT

In the office action dated 09/09/2004, the Examiner stated that the claims specifically recite, "a method (of) detecting each of the 8014 polynucleotide sequences in table 1-16 or a combination thereof, (which) constitutes a single distinct invention (p.2, last three lines of paragraph under group A). Applicant is required to elect a single invention."

In response, Applicant elects without traverse the gene-oriented cluster with UniGene identifier Hs.139336. UniGene identifier Hs.139336 corresponds to human ATP-binding cassette, sub-family C (CFTR/MRP), member 4 (ACCB4) and is set forth in SEQ ID NO:41 (NM_005845) of Table 16 on page 316 of the application. Applicant notes that SEQ ID NO:41 is identified as Hs.139336 in Table 15 at page 297, line 40; SEQ ID NO:41 and Hs.139336 are linked via the "EosCode" of PBH5. In addition, Hs.139336 is identified as a gene that is differentially expressed in Table 3, at page 129, line 45 (AF071202); in Table 4 at page 138, line 50 (AF071202); in Table 5 at page 142, line 32 (AA305627) and page 146, line 10 (AF071202); in table 6 at page 164, line 13 (AF071202); and in Table 7, at page 168, line 32 (AF071202).

CONCLUSION

Consideration of the claims is respectfully requested, and a notice of allowance is earnestly solicited. If the Examiner has any questions concerning this Response to Restriction Requirement and Preliminary Amendment, the Examiner is invited to telephone Applicant's representative at (415) 875-2316.

Respectfully submitted,
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